

Listing of the Claims:

1. (Previously presented) An electric motor unit of a motor vehicle comprising:
a brush holder plate assembly having a brass insert and a radiator, and an electronic card positioned adjacent the radiator wherein the plate assembly includes a plastic over-molding molded to portions of the brass insert; and wherein an outer peripheral edge of the over-molding extends perpendicularly from a surface of the over-molding to surround at least a portion of the radiator.
2. (Previously presented) The motor unit according to claim 1, further comprising a partition separating an area of the over-molding designed to receive the electronic card from a zone of the over-molding designed to receive a brush.
3. (Previously presented) The motor unit according to claim 2, further comprising:
a lid designed to close the area that is delimited by the outer peripheral edge of the over-molding and the partition and which receives the electronic card.
4. (Canceled).
5. (Previously presented) The motor unit according to claim 1 wherein the brass insert is soldered to the printed circuit card.
6. (Previously presented) The motor unit according to claim 2 wherein the over-molding includes recesses designed to receive the electronic card and components of the electronic card.

7. (Previously presented) The motor unit according to claim 1, further comprising:

elastic attachment flaps extending from the over-molding, the flaps operable to couple with complimentary forms in a housing of the motor unit.

8. (Previously presented) The motor unit according to claim 7 wherein the elastic flaps and the complimentary forms are spaced to limit the relative position of the plate assembly and the housing.

9. (Previously presented) The motor unit according to claim 1 wherein the over-molding includes a passage for wires designed to power the brass insert.

10. (Previously presented) The motor unit according to claim 9, further comprising a connector operable to receive a connecting module designed to supply power the brass insert and the electronic card.

11. (Previously presented) The motor unit of claim 1 wherein the motor unit is for a motorized fan group used in at least one of a heater and a fan and an air conditioning unit of a motor vehicle.

12. (Previously presented) The motor unit according to claim 1 wherein the over-molding has at least one recess designed to receive a brush.

13. (Previously presented) The motor unit of claim 2 wherein the partition allows circulation of air between the area and the zone and prevents moisture from entering the area from the zone.

14. (Previously presented) The motor unit of claim 3 wherein the partition allows circulation of air between the area and the zone and prevents moisture from entering the area from the zone.

15. (Previously presented) The motor unit according to claim 3, further comprising:
a gasket fixedly mounted between the lid and facing surfaces of the over-molding and the partition.

16. (Previously presented) The motor unit according to claim 3 wherein the lid comprises a first metallic hood facing the over-molding and the electronic card and second plastic hood enclosing the metallic-plated hood.

17. (Previously presented) The motor unit according to claim 16, further comprising:
an end plate enclosing the zone of the over-molding designed to receive the brush.

18. (Previously presented) The motor unit according to claim 17 wherein the end plate includes a plurality of holes extending therethrough.